

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020495.D
 Acq On : 03 Dec 2024 10:34
 Operator : SY/MD
 Sample : VY1203SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1203SBS01

Quant Time: Dec 03 21:41:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	159897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	252893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	211025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	103003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	80104	49.259	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.520%		
35) Dibromofluoromethane	7.646	113	75289	47.290	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.580%		
50) Toluene-d8	10.115	98	285380	47.074	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.140%		
62) 4-Bromofluorobenzene	12.414	95	100365	47.335	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	94.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	26424	16.942	ug/l	100
3) Chloromethane	2.074	50	25392	16.079	ug/l	94
4) Vinyl Chloride	2.214	62	26346	16.363	ug/l	98
5) Bromomethane	2.610	94	15375	16.275	ug/l	99
6) Chloroethane	2.745	64	16408	16.627	ug/l	98
7) Trichlorofluoromethane	3.074	101	54494	18.071	ug/l	100
8) Diethyl Ether	3.464	74	16220	18.983	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	32147	18.296	ug/l	96
10) Methyl Iodide	4.025	142	33961	17.217	ug/l	95
11) Tert butyl alcohol	4.909	59	10616	100.636	ug/l #	88
12) 1,1-Dichloroethene	3.805	96	29573	17.817	ug/l	94
13) Acrolein	3.665	56	10592	107.244	ug/l	99
14) Allyl chloride	4.403	41	53678	18.132	ug/l	96
15) Acrylonitrile	5.086	53	36422	102.307	ug/l	98
16) Acetone	3.891	43	34910	86.337	ug/l	97
17) Carbon Disulfide	4.122	76	76675	16.140	ug/l	99
18) Methyl Acetate	4.409	43	17726	20.626	ug/l	95
19) Methyl tert-butyl Ether	5.134	73	84535	19.943	ug/l	98
20) Methylene Chloride	4.634	84	32266	18.759	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	32877	17.833	ug/l	98
22) Diisopropyl ether	6.037	45	115033	19.541	ug/l	96
23) Vinyl Acetate	5.976	43	306233	98.350	ug/l	99
24) 1,1-Dichloroethane	5.933	63	66355	18.723	ug/l	99
25) 2-Butanone	6.915	43	47872	93.759	ug/l	94
26) 2,2-Dichloropropane	6.902	77	61059	18.215	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	40749	18.929	ug/l	98
28) Bromochloromethane	7.262	49	23360	17.650	ug/l	92
29) Tetrahydrofuran	7.280	42	29473	101.184	ug/l	98
30) Chloroform	7.439	83	68509	18.835	ug/l	99
31) Cyclohexane	7.713	56	55673	17.376	ug/l	96
32) 1,1,1-Trichloroethane	7.634	97	65024	18.565	ug/l	98
36) 1,1-Dichloropropene	7.847	75	48965	18.212	ug/l	100
37) Ethyl Acetate	7.000	43	21913	20.573	ug/l	98
38) Carbon Tetrachloride	7.829	117	59077	18.411	ug/l	98
39) Methylcyclohexane	9.115	83	58953	17.671	ug/l	98
40) Benzene	8.091	78	145523	18.358	ug/l	100

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41) Methacrylonitrile	7.232	41	11326	18.705	ug/l	93
42) 1,2-Dichloroethane	8.170	62	40196	19.298	ug/l	100
43) Isopropyl Acetate	8.207	43	43238	20.103	ug/l #	89
44) Trichloroethene	8.871	130	36023	18.434	ug/l	93
45) 1,2-Dichloropropane	9.152	63	34892	18.810	ug/l	98
46) Dibromomethane	9.243	93	18272	19.895	ug/l	98
47) Bromodichloromethane	9.432	83	51644	19.085	ug/l	99
48) Methyl methacrylate	9.231	41	20076	20.017	ug/l	97
49) 1,4-Dioxane	9.249	88	3515	400.390	ug/l #	73
51) 4-Methyl-2-Pentanone	10.005	43	106474	100.240	ug/l	99
52) Toluene	10.176	92	93587	18.923	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	47369	19.499	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	54964	19.144	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	24703	20.163	ug/l	96
56) Ethyl methacrylate	10.444	69	34022	19.626	ug/l	97
57) 1,3-Dichloropropane	10.725	76	42108	19.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	80035	98.608	ug/l	97
59) 2-Hexanone	10.768	43	75796	98.915	ug/l	98
60) Dibromochloromethane	10.920	129	33785	19.807	ug/l	99
61) 1,2-Dibromoethane	11.024	107	21768	19.429	ug/l	99
64) Tetrachloroethene	10.652	164	32316	18.123	ug/l	96
65) Chlorobenzene	11.450	112	99464	18.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	35526	18.938	ug/l	98
67) Ethyl Benzene	11.530	91	183169	18.475	ug/l	100
68) m/p-Xylenes	11.639	106	135370	37.287	ug/l	100
69) o-Xylene	11.962	106	64533	18.974	ug/l	99
70) Styrene	11.975	104	107827	19.002	ug/l	100
71) Bromoform	12.139	173	19231	20.164	ug/l #	100
73) Isopropylbenzene	12.261	105	176864	17.747	ug/l	100
74) N-ethyl acetate	12.078	43	36453	18.662	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	26394	18.416	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	17454m	16.634	ug/l	
77) Bromobenzene	12.542	156	37430	18.136	ug/l	97
78) n-propylbenzene	12.603	91	211522	17.926	ug/l	98
79) 2-Chlorotoluene	12.688	91	119739	17.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	144766	18.126	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	9333	18.251	ug/l	98
82) 4-Chlorotoluene	12.785	91	123419	18.164	ug/l	98
83) tert-Butylbenzene	13.005	119	131182	18.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	142407	18.345	ug/l	99
85) sec-Butylbenzene	13.182	105	188917	18.256	ug/l	100
86) p-Isopropyltoluene	13.298	119	153464	17.946	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	73369	18.433	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	70450	18.080	ug/l	97
89) n-Butylbenzene	13.627	91	144244	18.187	ug/l	99
90) Hexachloroethane	13.889	117	30024	18.016	ug/l	95
91) 1,2-Dichlorobenzene	13.669	146	62447	18.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4259	19.630	ug/l	93
93) 1,2,4-Trichlorobenzene	14.931	180	34057	17.943	ug/l	100
94) Hexachlorobutadiene	15.035	225	24400	18.376	ug/l	97
95) Naphthalene	15.157	128	56448	18.378	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	28313	18.487	ug/l	99

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